



PRECISION
FLIGHT CONTROLS

GTX MAX Cessna 172

Introducing the Precision Flight Controls (AKA PFC) **GTX MAX Cessna 172 Advanced Aviation Training Device** (AATD). For decades, Precision Flight Controls (PFC) has set the standard in professional flight simulation. The **GTX MAX Cessna 172** is a high-fidelity, FAA-approved Advanced Aviation Training Device engineered specifically for basic and advanced training, instrument proficiency, and crew coordination.



Key Benefits

FAA-Approved AATD – Maximizes loggable training time under Parts 61 and 141

- True Single Engine Training – Accurate Flight Model Performance
- All-Metal Cockpit Structure – Commercial-grade durability
- Low Cost of Ownership – Minimal maintenance and high dispatch reliability
- Designed to evolve with avionics and training requirements.
- Small Footprint



Flight Deck Realism

The **GTX MAX Cessna 172** cockpit replicates the look, feel, and layout of the **Cessna 172**, minimizing negative training transfer and maximizing student confidence.

Avionics & Systems

Avionics configuration includes G1000 software and replica panels or real Garmin G-1000 avionics. Systems modeling includes dual-engine failure logic, electrical, fuel, and environmental systems, and accurate engine-out behavior.

Visual System

Integrated High-Resolution visual system, including multi-channel and wide field-of-view (220 degree) configuration optimized for smooth performance and realistic visual cues. World-Wide Visuals and Navigation Aids are included. The **GTX MAX Cessna 172** uses the X-Plane 12 Professional visual system, delivering advanced flight dynamics and improved atmospheric modeling.

Instructor Operator Station (IOS)

A dedicated Instructor Operator Station allows full control of training scenarios, including repositioning, failures, weather control, and real-time monitoring

Lower Total Cost of Ownership

While some simulators cost less upfront, PFC focuses on **long-term value**:

- Fewer repairs
- Longer service life
- Upgradeable platforms (avionics, visuals, software)

Over time, schools consistently see **lower costs per training hour**.

Real Support from Real Aviation Professionals

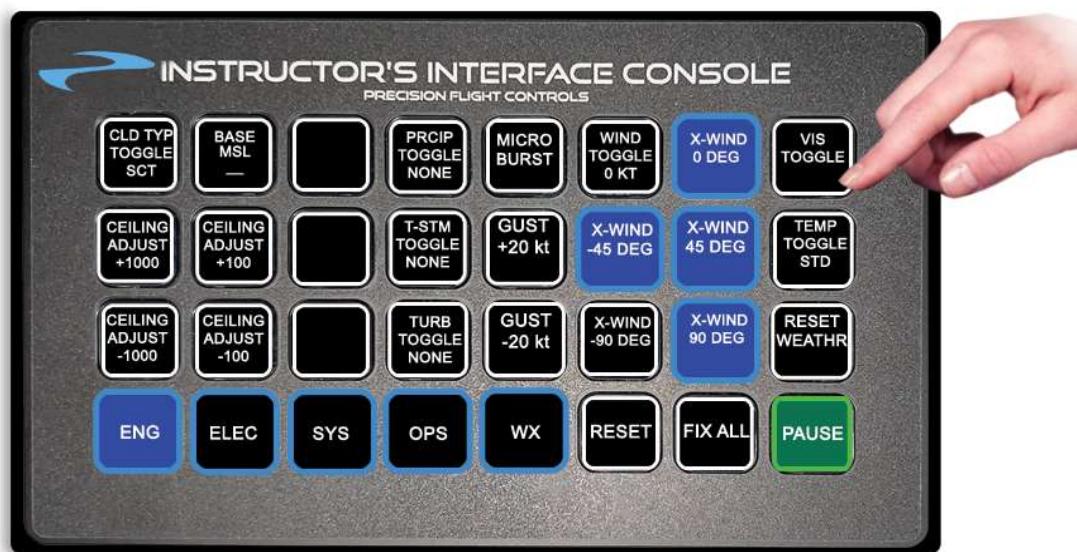
Precision Flight Controls does not outsource support to call centers.

You get:

- Knowledgeable technicians
- Direct access to engineers when needed
- Ongoing training and operational support

We understand flight school pressures because we collaborate with them.

You are not just buying a simulator, you're investing in reliability, credibility, and training outcomes!



Touch Based IOS Interface

Built for Flight School Reality

Flight schools need equipment that works every day.

System Features:

- All-metal Cockpit Structure
- Commercial-grade Components
- High Dispatch Reliability
- Low Maintenance Requirements
- 3 Axis Control Loading
- OEM Garmin G1000 Software
- Optional 3-4 DOF or 6DOF Motion



Train Like You Fly. From Day One.

A complete training solution—from first solo to advanced proficiency.

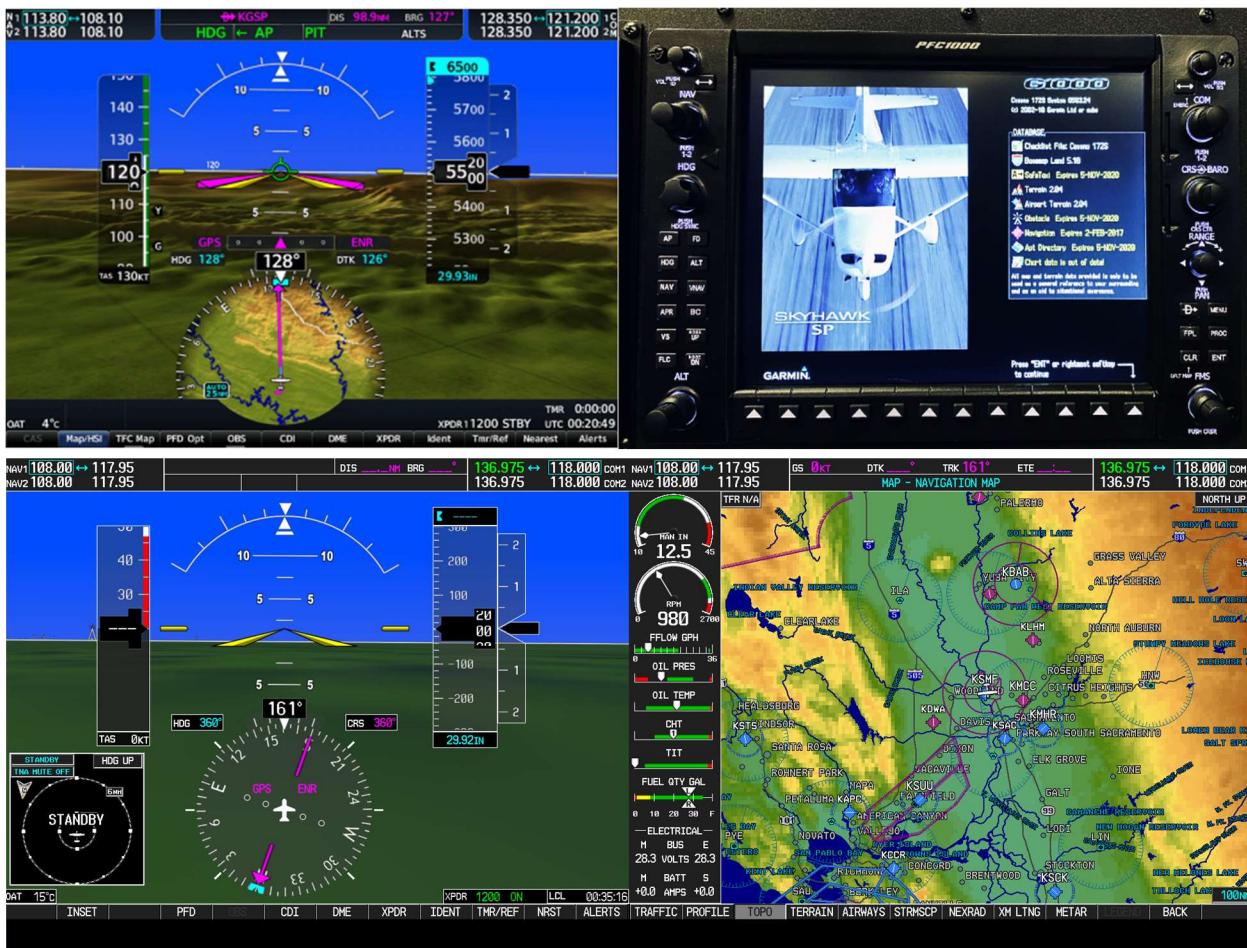
Crafted with **precision engineering**, **real Garmin™ integration**, and a fully **FAA-compliant architecture**, our simulators deliver **uncompromising realism** and measurable **training value**.

Whether you're training a new pilot or refining advanced procedures, this is the platform professional's trust.

Type Specific Flight Deck Eliminates Negative Training



Actual Garmin G1000 Software





Shown above in Cessna 182 Configuration



Accuracy is critical to effective training. Each panel is designed to precisely replicate the **form and function of the real aircraft panels**, ensuring correct switchology and procedural flow. All panels are **fully backlit**, allowing for realistic **night and low-light operations** without compromise. **Note: This simulator is also capable of flying the 182 and 206 Models. Call for more details.**

Why purchase from Precision Flight Controls?

For over 30 years Precision Flight Controls helped flight schools train better pilots, reduce operating costs, increase utilization, and protect long-term investments.

Pricing Starting as Low as:

\$155,495.00



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